



DEQ AIR QUALITY PROGRAM
1410 N. Hilton, Boise, ID 83706
For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

RECEIVED

OCT 28 2021

DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE AIR PROGRAM

General Information - **Form GI**
04/23/19

Please see instructions on second page before filling out the form.

FACILITY AND PERMIT INFORMATION

1. Facility Name: Basalite Concrete Products		2. Facility ID Number: 1-00292	
3. Brief Project Description: Improvement of dust collection from mixers inside manufacturing building.			
4. Facility Contact Name: Jeff Murphy		5. Facility Contact Title: Operations Manager	
6. Facility Contact Telephone Number: 208 888 4050		7. Facility Contact Email: jeff.murphy@basalite.com	
8. Mailing address where permit will be sent (street/city/state/zip code): 1300 E Franklin Street Meridian ID 83642		9. Physical address of facility (if different than mailing address) (street/city/state/zip code):	
10. County Facility is located Ada County			
11. Is the equipment portable? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
12. NAICS codes Primary NAICS: 327331		Secondary NAICS (if applicable):	
13. Brief business description and principal product produced: Manufacture on Concrete Blocks and Pavers.			
14. Describe any contiguous or adjacent facility this company owns or operates: This is the only Block Factory owned by Basalite in the Boise area.			
15. Permit Application Type. Provide Permit Number for existing permit. For a PTC, an application fee is required.		PTC No. <u>001-00292</u> Issued Date <u>2018-08-01</u>	
<input type="checkbox"/> Initial Permit to Construct (PTC) <input checked="" type="checkbox"/> PTC Modification		Tier II No. _____ Issued Date _____	
<input type="checkbox"/> Initial Tier II <input type="checkbox"/> Tier II Modification <input type="checkbox"/> Tier II Renewal		Tier I No. _____ Issued Date _____	
<input type="checkbox"/> Initial Tier I <input type="checkbox"/> Tier I Administrative Amendment <input type="checkbox"/> Tier I Minor Modification <input type="checkbox"/> Tier I Significant Modification <input type="checkbox"/> Tier I Renewal			
16. For Tier I permitted facilities only: If you are applying for a PTC then you must specify how the PTC will be incorporated into the Tier I permit.		<input type="checkbox"/> Incorporate PTC at the time of Tier I renewal (IDAPA 58.01.01.209.05.a) <input type="checkbox"/> Co-process PTC with Tier I Modification (IDAPA 58.01.01.209.05.b) <input type="checkbox"/> Administrative amend the Tier I to incorporate PTC upon applicant's request (IDAPA 58.01.01.209.05.c)	
17. <input checked="" type="checkbox"/> Check here to request facility draft permit before final issuance.			
18. <input type="checkbox"/> Check here to request a permit hand-off meeting.			

Certification of Truth, Accuracy, and Completeness (by Responsible Official)
I hereby certify that based on information and belief formed after reasonable inquiry, the statements and information contained in this and any attached and/or referenced document(s) are true, accurate, and complete in accordance with IDAPA 58.01.01.123 124.

Responsible Official Signature
Jeff Murphy
Print or Type Responsible Official Name

Operations Manager
Responsible Official Title

10-25-21
Date

Basalite – Meridian Facility – PTC Revision.

This information is being provided to support a revision to Permit to Construct (PTC) number P-2012.0041 at Facility ID 001-00292 located at 1300 E Franklin Road, Meridian ID, 83642.

It is proposed to connect the two mixers along with their feed hoppers to an existing dust collector located beside the block plant. Hoods will be constructed over the tops of the hoppers to capture dust from materials discharging into them from belt conveyors. A duct will be connected to the top of each mixer to capture emissions.

The dust collector is a 3200 CFM unit with pulse jet cleaning of 565 ft² of fabric bags. A detailed description and drawings of the existing baghouse and the proposed collection and ducting system is included on pages 2 to 5.

Any slight increase in PM emissions from the dust collector will be more than offset by the reduction of PM inside, and discharging from the block plant. This additional control device will result in a net reduction of batching operations emissions described in Table 2.1 of the permit. A picture of one of the mixers is shown below. If you require any further information please contact me at greg.stevenson@basalite.com.

Greg Stevenson
2021-10-04





Your Filter Technology
Representative:
Van Tomlinson
Ph: 503-654-0867

CUSTOM-DESIGNED METALWORK & FABRICATION SOLUTIONS FOR EVERY INDUSTRY • AIR POLLUTION CONTROL SYSTEMS ARE OUR
SPECIALTY

Basalite Concrete Products, LL
1300 E. Franklin
Meridian, ID 83642

July 22, 2021

Attn: Steve Mitzner
Email: steve.mitzner@basalite.com

We priced the job with all NordFab quick clamp ducting.

The take off shows the line starting at the baghouse 16" flanged reducing to 14" main line thru the bldg wall up approx. 24'-9" and running over the upper balcony area that meters the feed into the Mixers below. Please review the (3) page handwritten summary and sketches. We'll provide (2) 11'-0" long hoods divided into 3 areas. On the top area of these hoods, we'll attach our (3) 6" ducting runs. The purpose of the hood is to assist with the capturing of the dust as the materials discharging from the belt conveyors into the prospective hoppers. Our lay-out sketch's also show an 8" line running down just under the deck running horizontally to the center area of the mixer's below and splitting off in both directions with a 5" line intended to connect to a fitting on the TOP of the mixes to vent the mixer area.

The cost of the Nordfab ducting, fittings with clamps and hoods with allowance for hanger supports.
\$ 13,510.00

The install would be Two & half days, two men 8 hour/day	\$ 4800.00
Freight on Nordfab Ducting Estimated (Ships from Thomasville, North Carolina)	\$ 1000.00
Freight on fabricated hoods	\$ 200.00

Not included:

Local taxes and permits

Rental equipment whenever applicable (needed to run ducting at 25' elevation from outside to inside)

Cutting hole in the bldg. wall for the ducting

Thanks
Van Tomlinson
Senior Project Mgr.
503-654-0867 cell: 503-701-9349

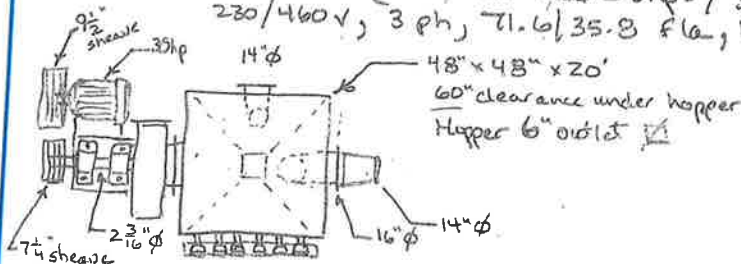
Mixer Venting & Dust Collection

Existing Equipment:

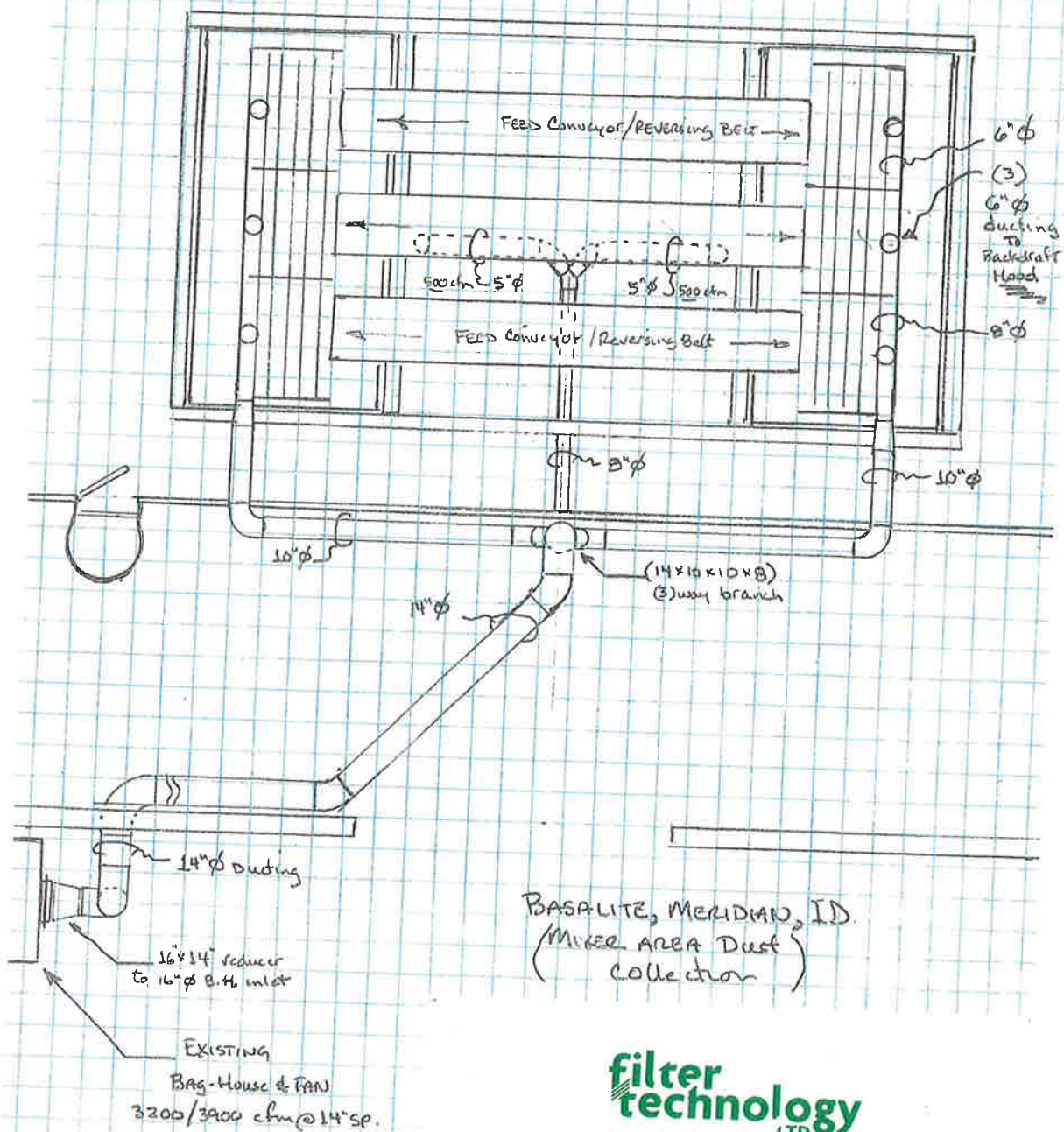
- 1) "Carnex" MODEL: 36 BV36 DC 4341 "BAG HOUSE"
Pulse Jet - (6) 3/4" Goyen Model 2001 valves
Baghouse was lengthened for 10' bags
MEDIA: 56 x 6" Bottom removal x 10' lg = 15.72' ea.
Cloth Area = 565.2 sq. ft.
Box dimensions 48" x 48" x 124" hopper to Tubesheet
Solenoid valves: Goyen 3-8V60000-331 / RCA5D2
Control board: Goyen GC-3001-10AC

FAN -

- 1) New York Blower spec -
SIZE: 224, LS, 2-3" dia. wheel, 15" dia. inlet, Arr. 9 CCW-TH, 2264 rpm
3162 cfm @ 14" SP. & 11.8 bhp - / 30hp, WWE-18-28GT/
230/460V, 3 ph, 71.6/35.8 fl. a, 1725 rpm, 28LT frame TEFC



NOTE: Bag-House needs (6" Air-Lock)
Blank fl for 14" hopper inlet
Ducting from Plenum outlet to fan



filter technology LTD

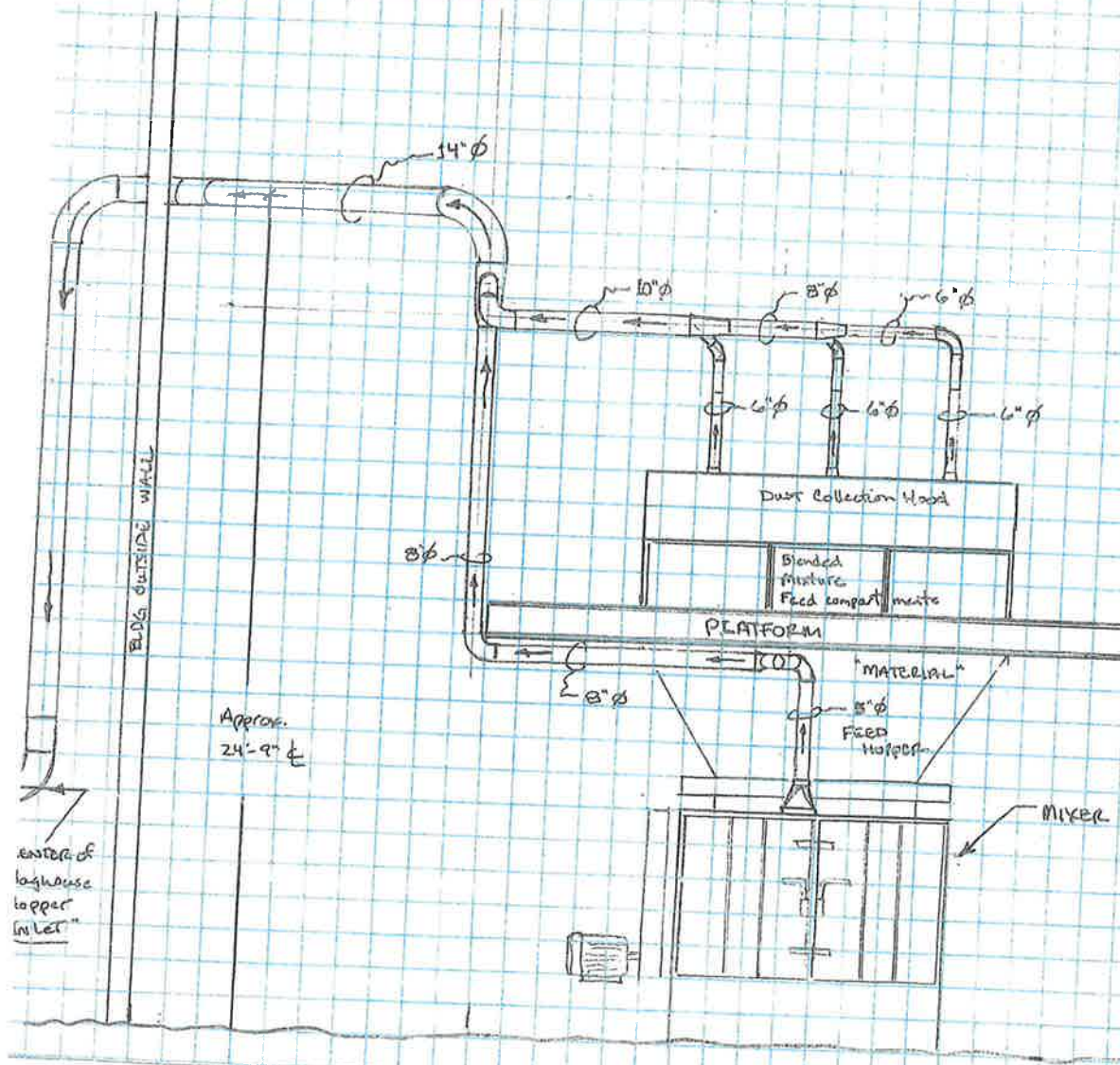
Air Pollution Control Systems
www.filtertechnologyltd.com

7-09-2021

page 2 of 3.

BASALITE, MERIDIAN, ID.
 "Mixer AREA" - Dust Collection

7-09-2021



filter
technology
 LTD

Air Pollution Control Systems
www.filtertechnologyltd.com

7-09-2021

Page 3 of 3

WARNING: Do not accept document unless you can see a true watermark and visible fibers from both sides.



BASALITE®
CONCRETE PRODUCTS
P.O. Box 419074
Rancho Cordova, CA 95741
916-631-6500

20-2328
719 IL

Controlled Disbursement
Bank of America, N.A.
Northbrook, Illinois

3452922
8765415799

DATE

10/19/2021

AMOUNT

1,000.00

PAY

*** ONE THOUSAND Dollars and ZERO Cents ***

TO THE
ORDER
OF

DEPARTMENT OF ENVIRONMENTAL QUALITY
1410 N HILTON
BOISE ID 83706

VOID AFTER 60 DAYS

3452922 071923284 8765415299